

## EAST Search History

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|------|---------------|------------------------------|------------------|---------|---------------------|
| S1    | 1    | "4282897".pn. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/07/07<br>10:48 |
| S2    | 1    | "4456440".pn. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/07/07<br>10:48 |
| S3    | 1    | "4573886".pn. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/07/07<br>10:48 |
| S4    | 2    | "2733664".pn. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/07/07<br>10:49 |
| S5    | 1    | "6918595".pn. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/07/07<br>10:49 |
| S6    | 1    | "5611681".pn. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/07/07<br>10:49 |
| S7    | 1    | "3806285".pn. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/07/07<br>10:50 |
| S8    | 1    | "3981620".pn. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/07/07<br>10:50 |
| S9    | 1    | "5393434".pn. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/07/07<br>10:50 |
| S10   | 2    | "2841092".pn. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/07/07<br>10:51 |
| S11   | 2    | "3489171".pn. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/07/07<br>10:51 |
| S12   | 2    | "3323467".pn. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/07/07<br>10:51 |
| S13   | 1    | "4045343".pn. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/07/07<br>10:52 |
| S14   | 0    | "31480".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/07/07<br>10:52 |

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| S15 | 1  | "4260342".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>10:53 |
| S16 | 1  | "4097202".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>10:53 |
| S17 | 1  | "4197875".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>10:53 |
| S18 | 0  | "3810716pn."   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>10:53 |
| S19 | 1  | "3810716".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>10:54 |
| S20 | 1  | "4846218".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>10:54 |
| S21 | 2  | "3510233".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>10:54 |
| S22 | 1  | "4008012".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>10:55 |
| S23 | 1  | "4453898".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>10:55 |
| S24 | 1  | "5584674".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>13:19 |
| S25 | 24 | ("3785167"   "4109751"  <br>"4239461"   "4313715"  <br>"4371054"   "4401418"  <br>"4990067").PN. OR<br>("5584674").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>13:24 |
| S26 | 24 | ("3785167"   "4109751"  <br>"4239461"   "4313715"  <br>"4371054"   "4401418"  <br>"4990067").PN. OR<br>("5584674").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:08 |
| S27 | 11 | ("5220811"   "5304044"  <br>"5496156"   "5584674"  <br>"5733108"   "5888055"  <br>"5971720"   "5988990"  <br>"5992170"   "6129522"  <br>"6149402").PN. OR<br>("7381032").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:09 |

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|-----|----|---|------------------------------|-----|----|---------------------|
| S28 | 18 | ("2043849"   "3509907"  <br>"4988269"   "5147189"  <br>"5302087"   "5346373"  <br>"5362216").PN. OR<br>("5733108").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:14 |
| S29 | 12 | ("5938411").PN. OR<br>("6129522").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:16 |
| S30 | 17 | ("4401418"   "5584674"  <br>"5605447"   "5703336"  <br>"5733107").PN. OR<br>("5938411").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:17 |
| S31 | 44 | ("1910672").PN. OR<br>("4109751").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:26 |
| S32 | 67 | ("20040179955"  <br>"2274459"   "2437446"  <br>"3006160"   "3144754"  <br>"3233698"   "3323305"  <br>"3509907"   "3645358"  <br>"3663127"   "3762837"  <br>"3864064"   "3876339"  <br>"3913703"   "3920095"  <br>"4061444"   "4086032"  <br>"4105227"   "4356885"  <br>"4412791"   "4418443"  <br>"4671380"   "4676515"  <br>"4745988"   "4758135"  <br>"4782858"   "4846482"  <br>"4854839"   "4901760"  <br>"4979587"   "5101931"  <br>"5129793"   "5164552"  <br>"5199856"   "5201643"  <br>"5205719"   "5214937"  <br>"5224840"   "5226796"  <br>"5238370"   "5265646"  <br>"5288212"   "5341654"  <br>"5493080"   "5495711"  <br>"5496156"   "5583325"  <br>"5584674"   "5596879"  <br>"5635687"   "5697216"  <br>"5723828"   "5762479"  <br>"5785508"   "5899218"  <br>"5951261"   "5957664"  <br>"5996733"   "5997258"  <br>"6935848").PN. OR<br>("7210912").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:26 |

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|-----|----|--|------------------------------|-----|----|---------------------|
| S33 | 20 | ("2297530"   "2955671"   "4333544"   "4755108"   "5201640"   "5584674"   "5647314"   "5733106"   "5938411"   "5950307"   "6017197"   "6129522"   "6149402"   "6206135"   "6506028"   "6520289"   "6547535"   "6692238").<br>PN. OR ("7147082").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:28 |
| S34 | 12 | ("4730695"   "4784583"   "5199856"   "5208429"   "5435700"   "5496156"   "5584674").PN. OR<br>("6446454").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:29 |
| S35 | 13 | ("20030150670"   "4370104"   "4412791"   "5214937"   "5427511"   "5542824"   "5734134"   "5888055"   "6017197"   "6149402"   "6358019"   "6446454"   "6524080").<br>PN. OR ("7316291").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:30 |
| S36 | 23 | ("2198258"   "3044688"   "3075686"   "3817661"   "4281972"   "4313715"   "4370104"   "4401418"   "4412791"   "5207564"   "5252035"   "5288212"   "5341654"   "5344289").<br>PN. OR ("5435700").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:33 |
| S37 | 11 | ("4213414"   "4267899"   "4313715"   "4422525"   "4693339"   "4784581"   "5341654"   "5496156"   "5804777").PN. OR<br>("6524080").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:35 |
| S38 | 25 | ("4477229"   "4582468"   "4755108"   "4759693"   "4784581"   "4784583"   "4911619"   "4960368"   "5201640"   "5207564"   "5224840"   "5238370"   "5304044"   "Re33902").<br>PN. OR ("5542824").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:36 |

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| S39 | 13 | ("3129784"   "4179883"   "4582468"   "4730695"   "4900234"   "5252035"   "5263643").PN. OR ("5734134").URPN.             | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:38 |
| S40 | 10 | ("5518374"   "5636974"   "5734134"   "5823294"   "5893706"   "5997257").PN. OR ("6174140").URPN.                         | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:39 |
| S41 | 14 | ("3864064"   "4370104"   "4401418"   "4784581"   "4960368"   "5328338"   "5496156"   "5542824").PN. OR ("5733106").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>14:51 |
| S42 | 1  | ("2004/0179955").URPN.   | USPAT                        | ADJ | ON | 2008/07/07<br>15:16 |
| S43 | 1  | "4793775".pn.  | USPAT                        | ADJ | ON | 2008/07/07<br>15:42 |
| S44 | 19 | ("2133875"   "3187996"   "4086032"   "4531894"   "4606706").PN. OR ("4793775").URPN.                                     | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>15:43 |
| S45 | 1  | "20020076335"  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>16:03 |
| S46 | 0  | ("2002/0076335").URPN.   | USPAT                        | ADJ | ON | 2008/07/07<br>16:04 |
| S47 | 1  | "5647314".pn.  | USPAT                        | ADJ | ON | 2008/07/07<br>16:04 |
| S48 | 31 | ("2815742"   "3557902"   "4109751"   "4420063"   "4620607"   "5164550"   "5349141"   "5490484").PN. OR ("5647314").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>16:05 |
| S49 | 1  | "6155800".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>16:05 |
| S50 | 1  | "4793775".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>16:06 |
| S51 | 1  | "5201640".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>16:06 |

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| S52 | 33  | ("4370104"   "4401418"  <br>"4415060"   "4582468"  <br>"4755108"   "4759693"  <br>"4793775"   "4911619"  <br>"4960368").PN. OR<br>("5201640").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>16:07 |
| S53 | 1   | "6017197".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>16:07 |
| S54 | 1   | "5971720".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/07<br>16:07 |
| S55 | 304 | 417/254.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/10<br>07:45 |
| S56 | 4   | ("2889108").URPN.  | USPAT                        | ADJ | ON | 2008/07/10<br>07:54 |
| S57 | 1   | ("1773669").URPN.  | USPAT                        | ADJ | ON | 2008/07/10<br>07:59 |
| S58 | 0   | ("1171825").URPN.  | USPAT                        | ADJ | ON | 2008/07/10<br>08:12 |
| S59 | 30  | ("2185264"   "2538842"  <br>"2561227"   "2678609"  <br>"2916998"   "3040712"  <br>"3330217"   "3461805").<br>PN. OR ("4568249").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/10<br>08:28 |
| S60 | 41  | ("0411263"   "0452537"  <br>"0462471"   "0730917"  <br>"0746344"   "1579782"  <br>"1586278"   "2831325"  <br>"3125963"   "3220351"  <br>"3354790"   "3620653"  <br>"3806285"   "3877841"  <br>"4068562"   "4568249"  <br>"4573886"   "4772184"  <br>"5011383"   "5015158"  <br>"5051074"   "5094596"  <br>"5118265"   "5141413"  <br>"5209647"   "5246355"  <br>"5403168").PN. OR<br>("5622486").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/10<br>08:31 |
| S61 | 3   | ("1586278").URPN.  | USPAT                        | ADJ | ON | 2008/07/10<br>08:33 |
| S62 | 158 | 417/448.ccls.  | USPAT                        | ADJ | ON | 2008/07/10<br>08:44 |
| S63 | 130 | 417/451.ccls.  | USPAT                        | ADJ | ON | 2008/07/10<br>09:18 |

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|-----|-----|---|------------------------------|-----|----|---------------------|
| S64 | 468 | 417/454.ccls.   | USPAT                        | ADJ | ON | 2008/07/10<br>09:35 |
| S65 | 17  | ("1561175"   "2828696"  <br>"2932312"   "3077899"  <br>"3206110"   "3372648"  <br>"3508849"   "3526246").<br>PN. OR ("4193744").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/10<br>09:42 |
| S66 | 42  | ("1879370"   "1979476"  <br>"2118317"   "2292375"  <br>"2439958"   "2440216"  <br>"2630072"   "2931313"  <br>"2973629"   "3109293"  <br>"3145629"   "3206110"  <br>"3372648"   "3623235"  <br>"3792939"   "3811801"  <br>"3994626"   "4239463"  <br>"4393752"   "4447195").<br>PN. OR ("4576557").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/10<br>09:43 |
| S67 | 15  | ("2753804"   "3203357"  <br>"3216365"   "3492946").<br>PN. OR ("3726612").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/10<br>10:06 |
| S68 | 136 | 417/487.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/10<br>10:34 |
| S69 | 0   | ("1794356").URPN.   | USPAT                        | ADJ | ON | 2008/07/10<br>10:37 |
| S70 | 0   | valve NEAR seal NEAR<br>synthetic WITH pump   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/10<br>13:58 |
| S71 | 3   | valve NEAR seal NEAR<br>synthetic   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/10<br>13:59 |
| S72 | 1   | seal NEAR synthetic WITH<br>pump  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/10<br>14:00 |
| S73 | 200 | seal NEAR synthetic   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/10<br>14:01 |
| S74 | 40  | ("3446057"   "3855129"  <br>"3917531"   "3934456").<br>PN. OR ("4045343").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/07/10<br>15:09 |

7/10/2008 4:30:06 PM

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